

Title (en)

OBJECT DETECTION METHOD AND CAMERA DEVICE

Title (de)

OBJEKTERKENNUNGSVERFAHREN UND KAMERAVORRICHTUNG

Title (fr)

PROCÉDÉ DE DÉTECTION D'OBJET ET DISPOSITIF DE CAMÉRA

Publication

EP 4166981 A4 20231129 (EN)

Application

EP 21825409 A 20210609

Priority

- CN 202010544549 A 20200615
- CN 2021099211 W 20210609

Abstract (en)

[origin: EP4166981A1] An object detection method and a camera device. The method includes: based on a radar detection signal for detecting a to-be-detected object, determining spatial position information of the to-be-detected object, where the spatial position information at least includes: distance information of the to-be-detected object relative to the camera device and speed information of the to-be-detected object (101); in response to that the speed information satisfies a preset speed requirement, based on the distance information, determining a calibration size range corresponding to the to-be-detected object, and based on a collected image containing the to-be-detected object, determining an actual size of the to-be-detected object, where the calibration size range is used to represent, when the to-be-detected object is a specified object, a size range of the specified object in the image (102); based on the actual size and the calibration size range, determining whether the to-be-detected object is the specified object (103).

IPC 8 full level

G01S 13/08 (2006.01); **G01J 5/00** (2022.01); **G01S 13/58** (2006.01); **G01S 13/86** (2006.01); **G01S 13/88** (2006.01); **G06T 7/50** (2017.01); **G06T 7/73** (2017.01)

CPC (source: CN EP)

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Citation (search report)

- [XAYI] US 2020174112 A1 20200604 - XING GUANBIN [HK], et al
- [YA] KR 102092552 B1 20200324 - SAMJU ELECTRONICS CO LTD [KR]
- [A] US 2018089501 A1 20180329 - TEREKHOV VLADISLAV [GB], et al
- See references of WO 2021254233A1

Designated contracting state (EPC)

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